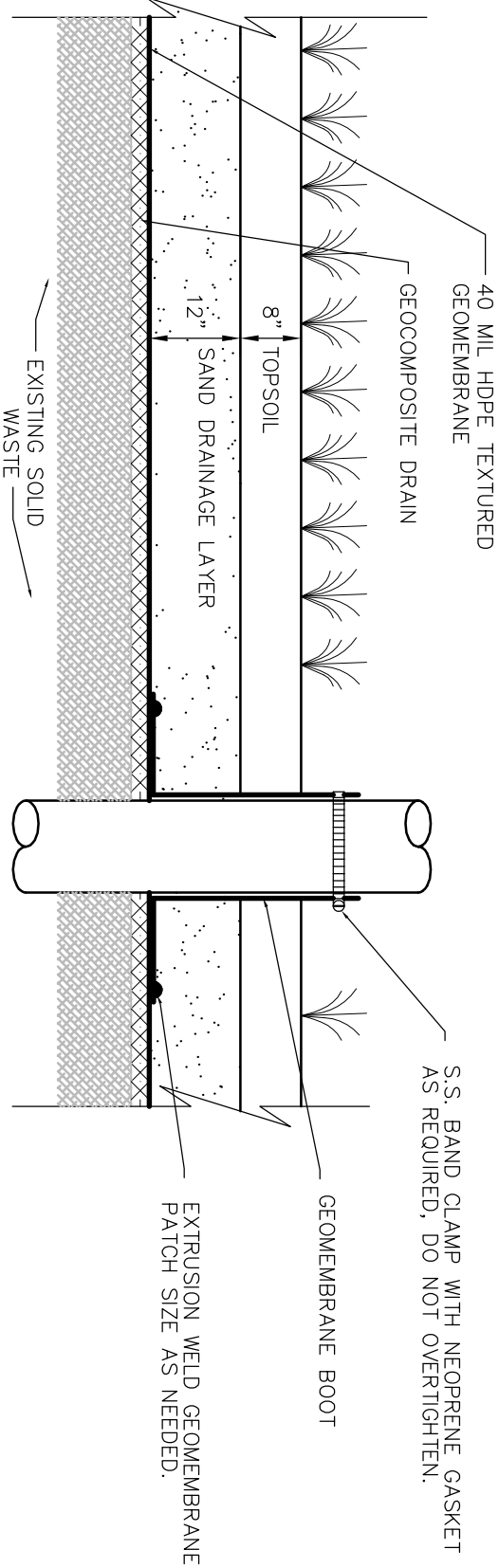


TEMPORARY FINAL COVER  
ANCHOR TRENCH IN WASTE

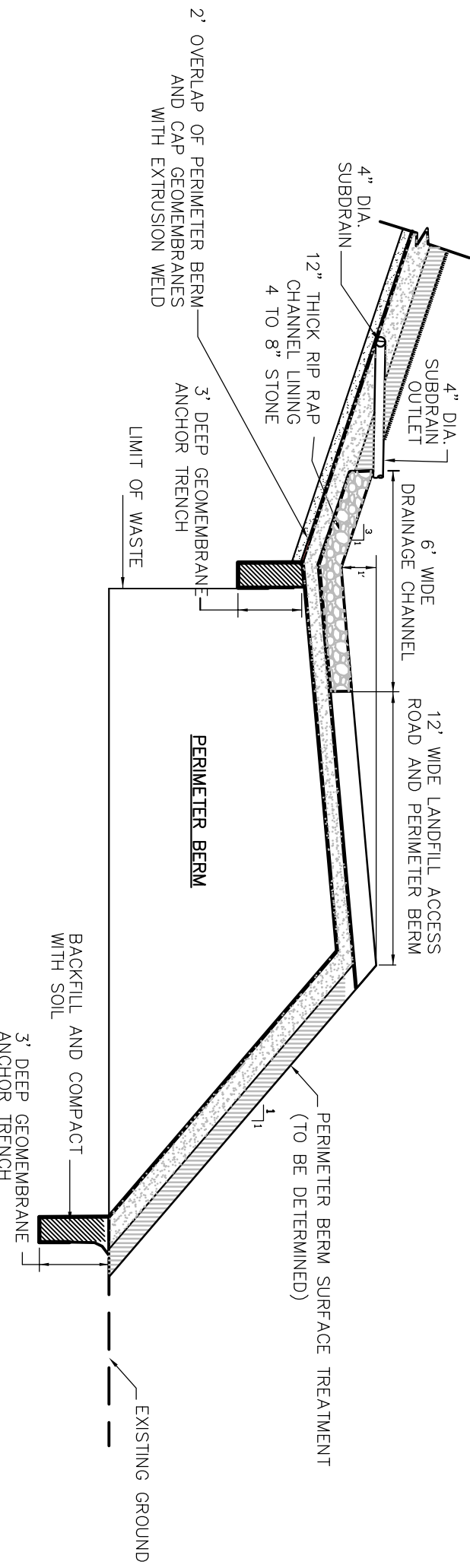
DETAIL 1  
SCALE: 1"= 2'



LANDFILL GAS COLLECTION PIPE  
PENETRATION BOOT

DETAIL 4  
SCALE: NOT TO SCALE

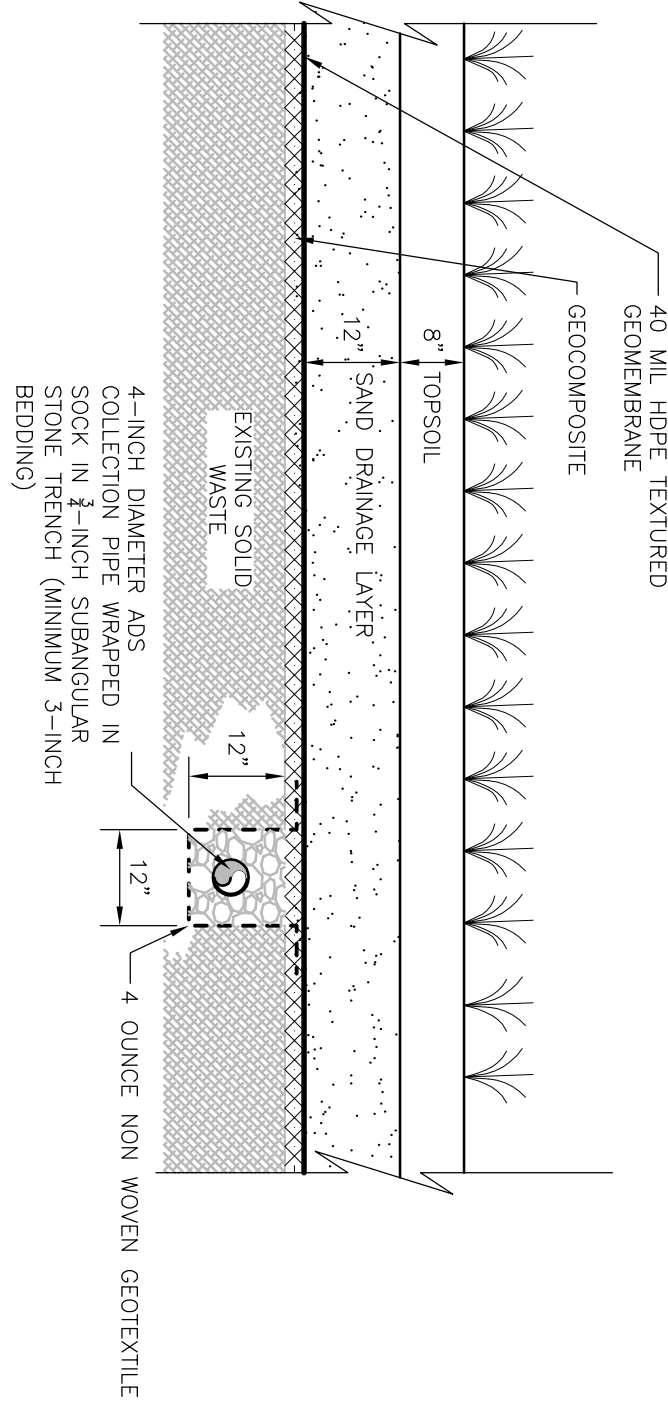
- NOTES:
1. TYPICAL WELL BOOT SHOWN OR APPROVED EQUAL AS PROVIDED BY GEOMEMBRANE LINER INSTALLER
  2. COORDINATE CONSTRUCTION DETAILS WITH GEOMEMBRANE INSTALLER



PERMANENT PERIMETER BERM  
ANCHOR TRENCH

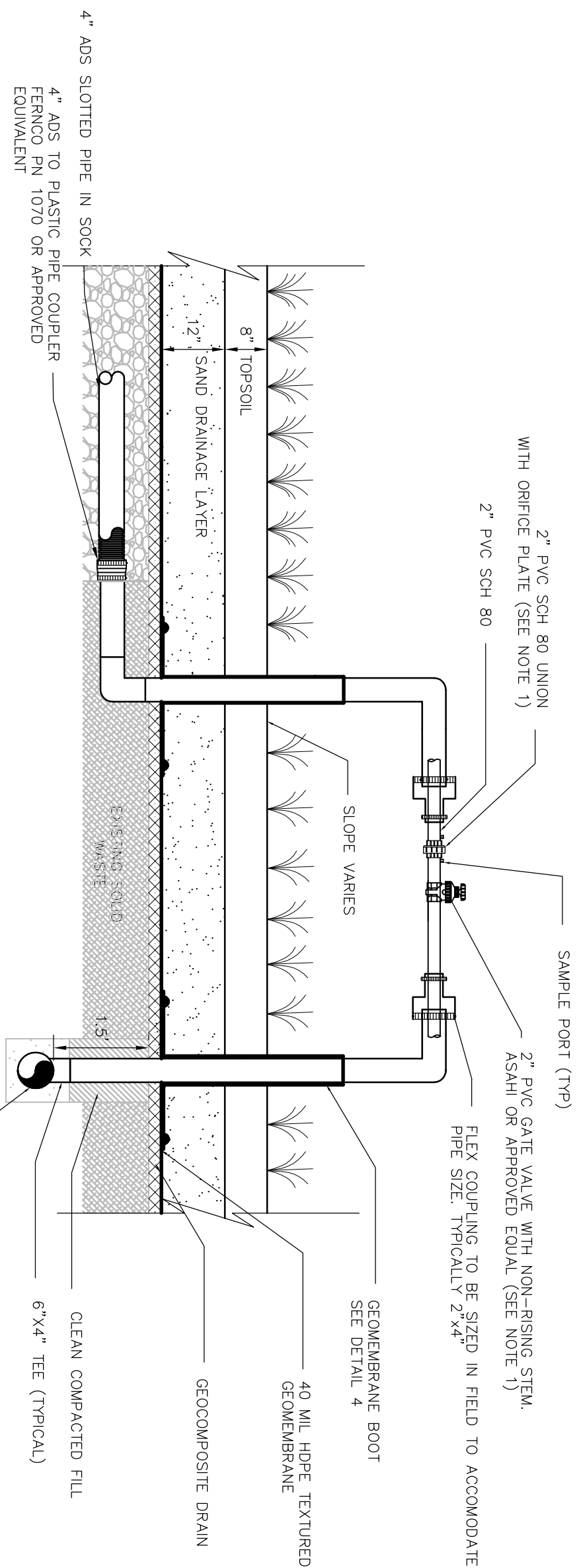
DETAIL 6  
SCALE: NOT TO SCALE

- NOTES:
1. DETAIL TAKEN FROM DRAWING TITLED "LANDFILL CROSS-SECTIONS AND PERIMETER ACCESS ROAD/BERM DESIGN" DATED MARCH 17, 2006, PREPARED BY SITE ENVIRONMENTAL.
  2. PERMANENT PERIMETER BERM ANCHOR TRENCH TO BE INSTALLED IN AREAS WHERE BERM IS A FINAL DESIGN. BERM ANCHOR TRENCH LOCATIONS WITH OWNER FRAGR TO CONSTRUCTION.



LANDFILL GAS COLLECTION PIPE  
AND FINAL COVER COMPONENTS

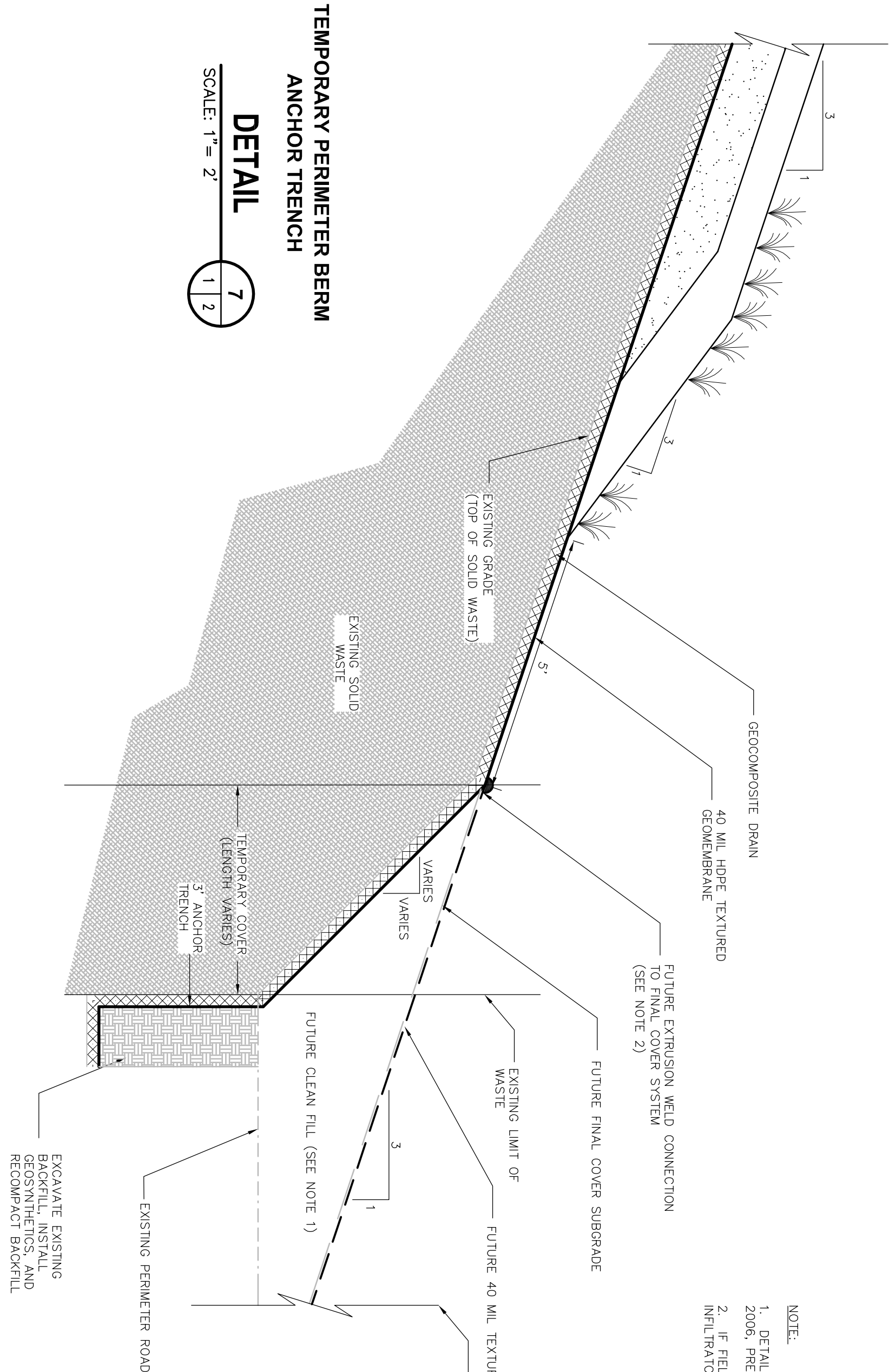
DETAIL 2  
SCALE: 1"= 2'



LANDFILL GAS COLLECTION/HEADER PIPE TIE-IN

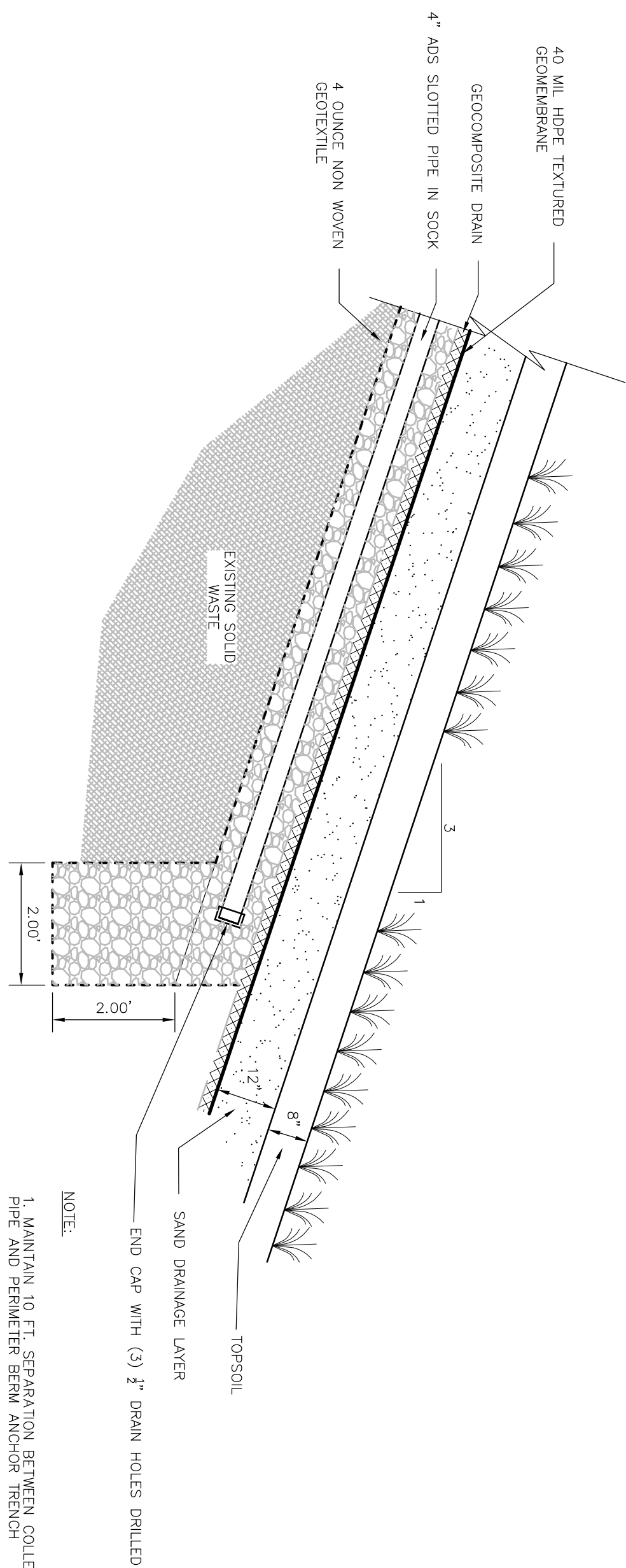
DETAIL 5  
SCALE: NOT TO SCALE

- NOTE:
1. ORIFICE PLATE AND 2" GATE VALVE CAN BE SUBSTITUTED WITH 2" INTERCHANGEABLE ORIFICE PLATE AND 2" GATE VALVE. REFER TO FINAL COVER SUBGRADE FOR APPROVED EQUAL.



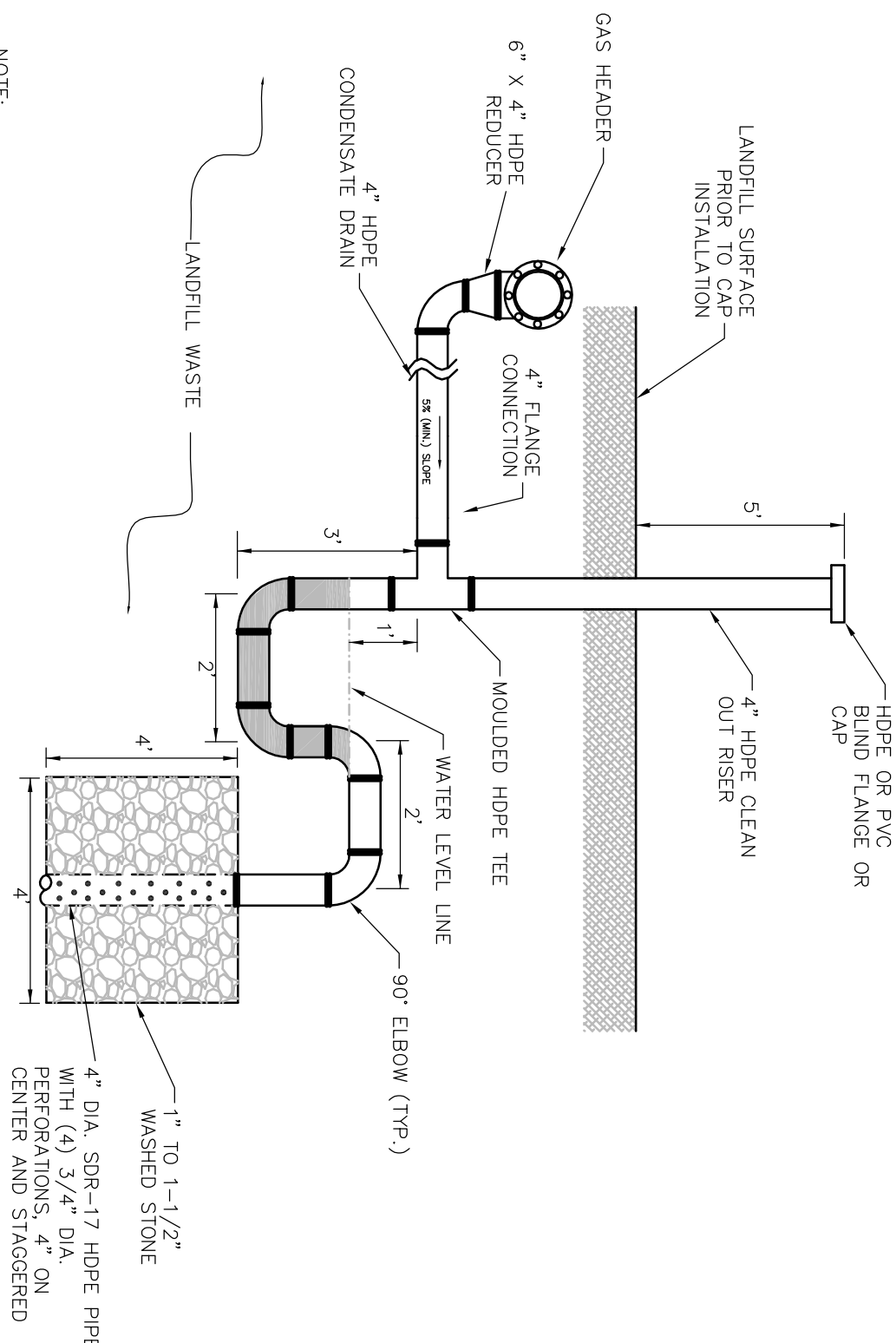
TEMPORARY PERIMETER BERM  
ANCHOR TRENCH

DETAIL 7  
SCALE: 1"= 2'



LANDFILL GAS COLLECTION TRENCH  
STONE SUMP

DETAIL 3  
SCALE: 1"= 2'



CONDENSATE INFILTRATOR

DETAIL 8  
SCALE: NOT TO SCALE

- NOTES:
1. CLEAN FILL WILL BE PLACED TO CONSTRUCT PERIMETER BERM. REFER TO DETAIL 6.
  2. AFTER FILL HAS BEEN PLACED, EXTRUSION WELD PERIMETER LINER TO FINAL LINER.

CONTINUE SLOPE TO PROPOSED PERIMETER BERM  
REFER TO DETAIL 6

EXCAVATE EXISTING  
BACKFILL, INSTALL  
GEOSYNTHETICS, AND  
RECOMPACT BACKFILL

DRAFT 10-5-06

CORNERSTONE  
Environmental Group, LLC

NEW VENTURES ASSOCIATES, LLC  
CROW LANE LANDFILL GAS COLLECTION  
NEWBURYPORT, MASSACHUSETTS

GAS DETAILS

MARK A. SWKA, P.E.  
M.A.P.E. Lic. No. 46691  
Date

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

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PROJECT NO.  
080251

SHEET NO.  
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